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SERIAL NUMBER 07/012,598	FILING DATE 01/27/87	CHIEF	FIRST NAMED APPLICANT	C	ATTORNEY-001840
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ERIK W. PETRASKE  
PATENT DEPT.,  
UNITED TECHNOLOGIES CORP.,  
HARTFORD, CT 06101

BLUM, T	
EXAMINER	
06/29/88	
ART UNIT	PAPER NUMBER

DATE MAILED:

**This is a communication from  
the Examiner in charge of your  
application.**

Commissioner of Patents and Trademarks

**NOTICE OF ALLOWABILITY (FORM D-10)**

This application is now in condition for allowance, and the prosecution is closed. However, in view of the secrecy order issued August 19, 1987, under 35 U.S.C. (1952) 181, this application will be withheld from issue during such period as the national interest requires.

The allowable claims are: 6-10

Theodore Blum  
(703) 557-4923  
06-15-88

*Theodore M. Blum*  
THEODORE M. BLUM  
EXAMINER  
GROUP ART UNIT 222

EXAMINER

This document contains information under  
SECRECY ORDER, as defined in USC 181-188,  
Unauthorized Disclosures Subject to Civil  
and Criminal Sanctions



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## NOTICE OF ALLOWABILITY

### PART I.

- ☐ This communication is responsive to \_\_\_\_\_.
- ☐ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☐ The allowed claims are \_\_\_\_\_.
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- ☐ Note the attached Examiner's Amendment.
- ☐ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☒ Note the attached Examiner's Statement of Reasons for Allowance.
- ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

### PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☐ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☐ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. \_\_\_\_\_. CORRECTION IS REQUIRED.
  - ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

#### Attachments:

- ☐ Examiner's Amendment
- ☐ Examiner Interview Summary Record, PTOL-413
- ☒ Reasons for Allowance
- ☒ Notice of References Cited, PTO-892
- ☐ Information Disclosure Citation, PTO-1449

- ☐ Notice of Informal Application, PTO-152
- ☐ Notice re Patent Drawings, PTO-948
- ☐ Listing of Bonded Draftsmen
- ☒ Other

form D-10

DECLASSIFYING AGENCY  
This document contains information under  
SECURITY ORDER, as defined in 25 USC 181-188.  
Unauthorized disclosures subject to Civil  
Criminal Sanctions  
DECLASSIFYING AGENCY

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EXAMINER  
GROUP ART UNIT 222

Art Unit 222

(C) 1. The following is an Examiner's Statement of Reasons for Allowance: the Examiner found no teaching in the prior art which would render obvious the claimed phased array monopulse radar system including "at least two intermediate rows of said plurality of horizontal rows are set with monotonically varying intermediate angles of said horizontal sensitivity directions, whereby said difference monopulse information contains both elevation and azimuth differential information", claim 1.

(C) 2. The Itoh patent is cited to show a phased array antenna system.

3. The preliminary amendment filed January 27, 1987 is acknowledged.

(U) 4. Any inquiry concerning this communication should be directed to Theodore Blum at telephone number 703-557-4923.

Theodore Blum  
06-15-88

TB:rg-20

*Theodore M. Blum*  
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